

Big Boat Stand-Up Toggles

The 1896 and 1994 hold blocks upright. The 598 and 669 hold blocks upright and allow attachment of control blocks.

Toggles include a 5/16" (8 mm) mainsheet block pin that accepts Midrange blocks, 57 mm double and triple AirBlocks® and 75 mm single Black Magic® AirBlocks®.

To attach Carbo control blocks to the stand-up toggle, choose 3163, 3165 cars or 598, 669 toggles. Refer to chart for block compatibility.

Holds mainsheet block in upright position



Control blocks attach to ears to reduce load on car



1896
1994

Attach low-weight, high-strength Carbo and Black Magic® blocks



Low pivot point handles non-vertical loads

598
669

Part No.	Description	Length		Weight		Maximum working load	
		in	mm	oz	g	lb	kg
598	Stand-up toggle/control tangs	2 ³ / ₁₆	56	8.2	231.3	4500	2041
669	Stand-up toggle/high load/control tangs*	2 ³ / ₁₆	56	10.9	308.4	7500	3401
1896	Stand-up toggle	1 ³ / ₈	41	5.8	163.3	4500	2041
1994	Stand-up toggle/high load*	1 ³ / ₈	41	9.1	258.6	7500	3401

*Includes a replacement headpost for 1971 75 mm Black Magic® AirBlocks® and 1993, 3007 and 3008 100 mm Black Magic® AirBlocks®

Control Block Selection Guide		
Purchase	Block	End control
2:1	2600	3168*
2:1 High-load	1950	3173*
3:1	2601	3169/3170*
3:1 High-load	1951	3174*
4:1	2642	3169/3170
4:1 High-load	2602	3174

*Stop knot required to keep block from hitting end control

Big Boat Car Controls

Car mounted control blocks feature ball bearing sheaves and mount to the car clear of track and end controls. 1514 single/becket and 1515 doubles are low-load controls for 3163 cars. The strong, lightweight 3187 control block assembly's low-friction 57 mm Black Magic® sheaves fit between the toggles of the 3172 coupled traveler car for a compact system with maximum travel. Use on 2:1 and 4:1 mainsheet systems on catamarans and monohulls from 50 ft (15 m) to 70 ft (21 m).



1512 659



1514 1798 1515 1799 1513 1797



3187 6090

1845 1935

Part No.	Description	Sheave Ø		Length		Weight each		Height above track		Max line Ø		Maximum working load		Breaking load	
		in	mm	in	mm	oz	g	in	mm	in	mm	lb	kg	lb	kg
659	Swivel brackets (pair)	—	—	1 ³ / ₈	35	2	58.1	2 ³ / ₄	70	—	—	1000	454	2000	907
1512	Control tangs (pair)	—	—	1 ³ / ₁₆	30	.6	18.2	1 ¹ / ₄	32	—	—	1000	454	2000	907
1513	Single control blocks (pair)	1 ¹ / ₂	38	2 ⁵ / ₈	67	2.5	71	1 ³ / ₈	35	3/8	10	300	136	2000	907
1514	Single/becket (pair)	1 ¹ / ₂	38	2 ⁵ / ₈	67	3.1	88.1	1 ³ / ₄	45	3/8	10	300	136	2000	907
1515	Double (pair)	1 ¹ / ₂	38	2 ⁵ / ₈	67	4	113.5	1 ⁷ / ₈	48	3/8	10	600	272	2000	907
1797	Single/high-load (pair)	1 ³ / ₁₆	46	3	76	4	115.5	1 ¹ / ₁₆	40	3/8	10	750	340	2500	1134
1798	Single/high-load/becket (pair)	1 ³ / ₁₆	46	3	76	5	140.7	2 ¹ / ₄	60	3/8	10	1125	510	2500	1134
1799	Double/high-load (pair)	1 ³ / ₁₆	46	3	76	6.5	185.2	2 ¹ / ₄	60	3/8	10	1500	680	2500	1134
1845	Double/low-profile (pair)	1 ³ / ₈	35	2 ⁵ / ₁₆	59	5.9	166.2	1 ³ / ₄	45	3/8	10	1000	454	2500	1134
1935	Triple/low-profile (pair)	1 ³ / ₈	35	2 ⁵ / ₄	70	7.2	205.2	1 ³ / ₄	45	3/8	10	1500	680	2500	1134
3187	2-Sheave control block*	2 ¹ / ₄	57	5 ³ / ₈	143	8.8	249	1 ¹¹ / ₁₆	43	7/16	12	2500	1134	5000	2268
6090	ESP control block/3:1**	1 ³ / ₁₆	40	5	126	10.3	291	1 ³ / ₈	41	3/8	10	1000	454	2500	1134

*For 3172 coupled traveler car only **Fits 3163 and 3165 cars